

**TBL1Y Monoclonal Antibody**

<b>Catalog No :</b>	YM1103
<b>Reactivity :</b>	Human;Mouse;Rat;Dog;Pig
<b>Applications :</b>	WB
<b>Target :</b>	TBL1Y
<b>Fields :</b>	>>Wnt signaling pathway
<b>Gene Name :</b>	TBL1Y
<b>Protein Name :</b>	F-box-like/WD repeat-containing protein TBL1Y
<b>Human Gene Id :</b>	90665
<b>Human Swiss Prot No :</b>	Q9BQ87
<b>Immunogen :</b>	Purified recombinant human TBL1Y protein fragments expressed in E.coli.
<b>Specificity :</b>	TBL1Y Monoclonal Antibody detects endogenous levels of TBL1Y protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	WB 1:1000 - 1:2000. Not yet tested in other applications.
<b>Purification :</b>	Affinity purification
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	57kD
<b>Cell Pathway :</b>	WNT;WNT-T CELL

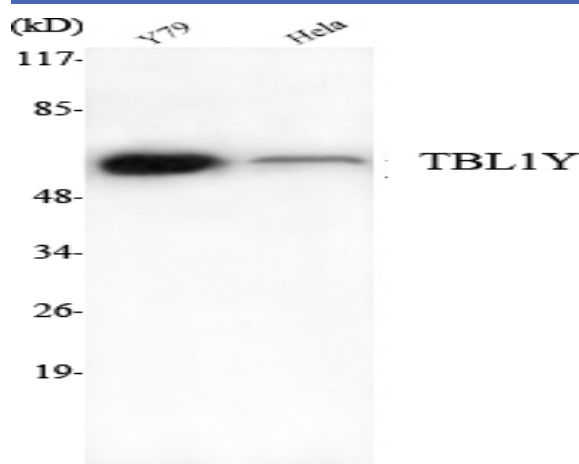
**Background :** transducin beta like 1, Y-linked(TBL1Y) Homo sapiens The protein encoded by this gene has sequence similarity with members of the WD40 repeat-containing protein family. The WD40 group is a large family of proteins, which appear to have a regulatory function. It is believed that the WD40 repeats mediate protein-protein interactions and members of the family are involved in signal transduction, RNA processing, gene regulation, vesicular trafficking, cytoskeletal assembly and may play a role in the control of cytotypic differentiation. This gene is highly similar to TBL1X gene in nucleotide sequence and protein sequence, but the TBL1X gene is located on chromosome X and this gene is on chromosome Y. This gene has three alternatively spliced transcript variants encoding the same protein. [provided by RefSeq, Jul 2008],

**Function :** domain:The F-box-like domain is related to the F-box domain, and apparently displays the same function as component of ubiquitin E3 ligase complexes.,function:F-box-like protein involved in the recruitment of the ubiquitin/19S proteasome complex to nuclear receptor-regulated transcription units. Plays an essential role in transcription activation mediated by nuclear receptors. Probably acts as integral component of corepressor complexes that mediates the recruitment of the 19S proteasome complex, leading to the subsequent proteosomal degradation of transcription repressor complexes, thereby allowing cofactor exchange.,similarity:Belongs to the WD repeat EBI family.,similarity:Contains 1 F-box-like domain.,similarity:Contains 1 LisH domain.,similarity:Contains 8 WD repeats.,subunit:Probable component of the N-Cor repressor complex and some E3 ubiquitin ligase complex.,tissue specificity:F

**Subcellular Location :** Nucleus .

**Expression :** Fetal brain and prostate. Expressed in the cochlear spiral ganglion neurons, and in outer and inner hair cells (PubMed:30341416).

## Products Images



Western Blot analysis using TBL1Y Monoclonal Antibody against Y79, HeLa cell lysate.